Docket No.: 057454-0982

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Customer Number: 20277

Tadatoshi SUZUKI, et al.

Confirmation Number: 9824

Application No.: 10/686,766

Group Art Unit: 3748

Filed: October 17, 2003

Examiner: Zelalem Eshete

For: FULL-TYPE ROLLING BEARING AND ROLLER CAM FOLLOWER FOR ENGINE

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

09/13/2007 AWONDAF1 00000069 500417

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In accordance with 37 CFR 1.17(p), please charge the fee of \$180.00 to Deposit Account No. 500417.

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Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Mesoma #33,424

for BPC

Bernard P. Codd

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Please recognize our Customer No. 20277 Washington, DC 20005-3096 as our correspondence address.

Phone: 202.756.8000 BPC:kfm

Facsimile: 202.756.8087 Date: September 12, 2007

INFORMATION DISCLOSURE ATTY. DOCKET NO. SERIAL NO. 057454-0982 10/686,766 CITATION IN AN **APPLICATION APPLICANT** Tadatoshi SUZUKI, et al. FILING DATE **GROUP** (PTO-1449) October 17, 2003 3748 U.S. PATENT DOCUMENTS **EXAMINER'S** Document Number **Publication Date** Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where CITE Relevant Passages or Relevant MM-DD-YYYY INITIALS Number-Kind Code2 (# known) Document Figures Appear US 4,930,909 06-05-1990 MURAKAMI et al. US 5,180,450 01-19-1993 RAO US 08-16-1994 MITAMURA et al. 5,338,377 US 5,352,303 10-04-1994 MURAKAMI et al. บร 5,848,846 12-15-1998 SUGIYAMA et al. US 6,086,686 07-11-2000 TANAKA et al. ŪS 6,290,398 B1 09-18-2001 FUJIWARA et al. US 6,582,532 B1 06-24-2003 KUREBAYASHI et al. US 6,699,335 B2 03-02-2004 MURAKAMI et al. US 7,147,382 B2 12-12-2006 SUZUKI et al. US 2002/0082133 A1 06-27-2002 YOSHIKAWA et al. US 2003/0123769 A1 07-03-2003 OHKI US OKUGAMI et al. 2004/0228561 A1 11-18-2004 US 2004/0170761 A1 09-02-2004 LI et al. υs 2005/0045247 A1 03-03-2005 ОНКІ US 07-26-2007 OHKI et al. 2007/0169850 A1 US 2007/0034301 A1 02-15-2007 HASEGAWA et al. FOREIGN PATENT DOCUMENTS **EXAMINER'S** Foreign Patent Document **Publication Date** Name of Patentee or Translation Pages, Applicant of Cited Document INITIALS Columns, Lines CITE Country Codes-Number 4-Kind MM-DD-YYYY Where Relevant Yes No NO. Codes (if known) Figures Appear NTN TOYO BEARING JP 2-190615 07-26-1990 **English Abstract** CO LTD Only JP 4-254574 09-09-1992 **MAZDA MOTOR English Abstract** Only 10-12-1993 **English Abstract** JP 5-263091 Only OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER'S** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, INITIALS journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where CITE published. NO. **EXAMINER DATE CONSIDERED** 

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<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

| INFC                   | CIT         | ATION DISCLOS<br>ATION IN AN<br>PPLICATION                                   | SURE                           | ATTY. DOCKET NO.<br>057454-0982   |  | SERIAL NO.<br>10/686,766  |  |  |  |
|------------------------|-------------|--|--------------------------------|---|--|---|--|--|--|
|                        |             |  |                                | APPLICANT Tadatoshi SUZUKI, et al.  |  |   |  |  |  |
|                        |             | (PTO-1449)   |                                | FILING DATE October 17, 200   | ОUР<br><b>'48</b>                                    |   |  |  |  |
|                        |             | τ  | J.S. PATEN                     | T DOCUMENTS   |  |   |  |  |  |
| EXAMINER'S<br>INITIALS | CITE<br>NO. | Document Number<br>Number-Kind Code2 (# known)                               | Publication Date<br>MM-DD-YYYY |   | cant of Cited  | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |  |
|                        |             | US   |                                |   |  |   |  |  |  |
|                        |             |  |                                | ATENT DOCUMENTS   |  |   |  |  |  |
| EXAMINER'S<br>INITIALS | CITE<br>NO. | Foreign Patent Document<br>Country Codes -Number 4 -Kind<br>Codes (if known) | Publication Date MM-DD-YYYY    | Name of Patentee or<br>Applicant of Cited Document                        | Pages,<br>Columns, Lir<br>Where Relev<br>Figures App | ant Yes No  |  |  |  |
|                        |             | JP 6-247253  | 09-06-1994                     | TOKAI RIKA CO LTD   |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 6-286577  | 10-11-1994                     | TOKAI RIKA CO LTD;<br>TOYOTA MOTOR CORP                                   |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 9-329139  | 12-22-1997                     | NTN TOYO BEARING<br>CO LTD  |  | English Abstract Only   |  |  |  |
|                        |             | JP 10-030150   | 02-03-1998                     | NIPPON SEIKO KK   |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 11-303874   | 11-02-1999                     | NIPPON SEIKO KK   |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 2001-123244   | 05-08-2001                     | DAIDO STEEL CO LTD;<br>KOYO SEIKO CO                                      |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 2002-070872   | 03-08-2002                     | NSK LTD   |  | English Abstract Only   |  |  |  |
|                        |             | JP 2003-083337   | 03-19-2003                     | NSK LTD   |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 2003-083339   | 03-19-2003                     | NTN TOYO BEARING<br>CO LTD  |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 2003-156050   | 05-30-2003                     |   |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 2003-226918   | 08-15-2003                     | NTN TOYO BEARING<br>CO LTD  |  | English Abstract<br>Only  |  |  |  |
|                        |             | JP 2003-226919   | 08-15-2003                     | NTN TOYO BEARING<br>CO LTD  |  | English Abstract Only   |  |  |  |
|                        |             | JP 2003-287035   | 10-10-2003                     | NSK LTD   |  | English Abstract Only   |  |  |  |
|                        |             | JP 2003-294034   | 10-15-2003                     | NSK LTD   |  | English Abstract<br>Only  |  |  |  |
| =                      |             |  |                                | or, Title, Date, Pertinent Pages, E                                       |  |   |  |  |  |
| EXAMINER'S<br>INITIALS | CITE<br>NO. |  |                                | S), title of the article (when approp<br>ge(s), volume-issue number(s), p |  |   |  |  |  |
| EXAMINER               |             |  |                                | DATE CONSIDERED   |  |   |  |  |  |

| INFO   | CIT   | ATION DISCLOS<br>FATION IN AN<br>PPLICATION   | ATTY. DOCKET NO.<br>057454-0982        |   | SERIAL NO.<br>10/686,766                                     |  |  |    |  |  |
|--|---|---|--|---|--|--|--|----|--|--|
|  |   |   | APPLICANT Tadatoshi SUZUKI, et al.     |   |  |  |  |    |  |  |
|  |   | (PTO-1449)  | FILING DATE GROU October 17, 2003 3748 |   |  |  |  |    |  |  |
|  |   | Ţ   | J.S. PATEN                             | T DOCUMENTS   |  |  |  |    |  |  |
| EXAMINER'S<br>INITIALS   | CITE<br>NO.                                       | Document Number<br>Number-Kind Code2 (# known)  | Publication Date MM-DD-YYYY            |   |  |  | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear  |    |  |  |
|  |   | US  |  |   |  |  |  |    |  |  |
|  |   |   |  | ATENT DOCUMENTS   |  |  |  |    |  |  |
| EXAMINER'S<br>INITIALS   | CITE<br>NO.                                       | Foreign Patent Document<br>Country Codes - Number 4 - Kind<br>Codes (if known)  | Publication Date MM-DD-YYYY            | Name of Patentee or<br>Applicant of Cited Document          | Pages,<br>Columns, Lines<br>Where Relevant<br>Figures Appear |  | Translation<br>Yes   | No |  |  |
|  |   | DE 1 025 4635   | 06-12-2003                             | NTN TOYO BEARING<br>CO LTD                                  |  |  | English Abstract<br>Only   |    |  |  |
|  |   | DE 1 996 0803   | 06-21-2000                             | NTN TOYO BEARING<br>CO LTD                                  |  |  | English Abstract<br>Only   |    |  |  |
|  |   | EP 0 458 646  | 11-27-1991                             | AICHI STEEL WORKS<br>LTD; KOYO SEIKO CO;<br>NIPPON DENSO CO |  |  | English Abstract<br>Only   |    |  |  |
| ·  |   | EP 0 626 468  | 11-30-1994                             | SKF IND TRADING & DEV                                       |  |  | English Abstract<br>Only   |    |  |  |
|  |   | EP 1 158 064  | 11-28-2001                             | KOYO SEIKO CO   |  |  | English Abstract<br>Only   |    |  |  |
|  |   | EP 1 273 672  | 01-08-2003                             | KOMATSU MFG CO<br>LTD                                       |  |  | English Abstract<br>Only   |    |  |  |
|  |   | EP 0 723 034  | 07-24-1996                             | DOWA MINING CO  |  |  | English Abstract<br>Only   |    |  |  |
|  |   | FR 2 841 907  |  |   |  |  |  | X  |  |  |
|  | ,   |   |  | nor, Title, Date, Pertinent Pages,                          |  |  |  |    |  |  |
| EXAMINER'S<br>INITIALS   | em (book, magazine,<br>r country where published. |   |  |   |  |  |  |    |  |  |
| European Search Report issued in European Patent Application No. EP 05 70 3409, mailed April 4, 20 |   |   |  |   |  |  |  |    |  |  |
|  |   | Chinese Office Action, with English translation, issued in Chinese Patent Application No. CN 200410008248.9, mailed April 27, 2007. |  |   |  |  |  |    |  |  |
|  |   | Annual Book of ASTM St  |  | /olume 03.01, Designation:<br>Average Grain Size m", pa     |  |  | andard Test Method fo  | or |  |  |
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